

**CLAIMS**

- 5     1.     Multifunctional support for a motor vehicle with
- a retaining section for fastening the multifunctional support on an assembly support of a motor vehicle door;
- 10       -   an elongated window guide connected to the retaining section for a window pane and
- fastening points for fastening a door lock on the multifunctional support
- 15       wherein the retaining section is connected to the window guide along an elongated subsection of the multifunctional support

**characterised in that**

- 20       the retaining section (1) is connected in one terminal zone (O) of the longitudinally extended subsection (T) substantially rigidly to the window guide (2) and in the other terminal zone (U) of the longitudinally extended subsection (T) is connected flexibly to the window guide (2).

- 25       2.     Multifunctional support according to claim 1 **characterised in that** on the multifunctional support there is at least one fastening point (13, 13a; 23, 23a) for a functional element of the motor vehicle door, more particularly a door lock, in the vicinity of the second terminal zone (U) of the longitudinally
- 30       extended subsection (T) of the window guide (2).

- 35       3.     Multifunctional support according to claim 1 or 2, **characterised in that** a recess (A) is provided in the multifunctional support along the extension direction (z) of the subsection (T) between the two terminal zones (O, U) of the subsection (T).

4. Multifunctional support according to one of the preceding claims,  
**characterised in that** at least one deformable region (15) of the  
multifunctional support is provided for the flexible connection of the retaining  
section (1) to a terminal zone (U) of the subsection (T).

5. Multifunctional support according to claim 4, **characterised in that** the  
deformable region (15) is formed on the retaining section (1) and/or on the  
window guide (2).

6. Multifunctional support according to claim 4 or 5, **characterised in that** the  
deformable region (15) is integrated in one piece in the multifunctional  
support.

7. Multifunctional support according to one of the preceding claims,  
**characterised in that** the retaining section (1) and the window guide (2) are  
formed in one piece with each other and preferably the multifunctional support  
is formed in one piece overall.

8. Multifunctional support according to one of the preceding claims,  
**characterised in that** the retaining section (1) and the window guide (2) as  
well as preferably the multifunctional support as a whole are made of plastics.

9. Multifunctional support according to one of the preceding claims,  
**characterised in that** through the flexible connection of the retaining section  
(1) at one terminal zone (U) of the longitudinally extended subsection (T) the  
retaining section (1) is movable relative to the window guide (2) along at least  
one spatial direction (x, y).

10. Multifunctional support according to claim 9, **characterised in that** the retaining section (1) is movable relative to the window guide (2) perpendicular to the extension direction (z) of the window guide (2)

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11. Multifunctional support according to claim 9 or 10, **characterised in that** the retaining section (1) is movable relative to the window guide (2) – in relation to the installed state of the multifunctional support in a motor vehicle door – along the vehicle longitudinal axis (x) and /or the horizontal vehicle transverse axis (y).

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12. Multifunctional support according to claims 2 and 4, **characterised in that** two fastening points (13, 13a; 23 23a) are provided for the functional element, more particularly door lock, either side of the deformable region (15).

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13. Multifunctional support according to claim 2 or 12, **characterised in that** one fastening point (13, 13a) for the functional element is provided on the retaining section (1) and one fastening point (23, 23a) is provided on the window guide (2).

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14. Multifunctional support according to one of the preceding claims, **characterised in that** one fastening point (13, 13a) for the functional element is designed to provide a play connection so that the functional element can move restricted relative to this fastening point (13, 13a) and another fastening point (23, 23a) for the functional element is designed to provide a rigid connection, more particularly as fastening opening for a screw or rivet.

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15. Multifunctional support according to claim 14, **characterised in that** the one fastening point (13, 13a) for the functional element has a sliding guide (13a) so that the functional element is displaceable relative to this fastening point (13, 13a) and that a detent element is provided which forms a stop.

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16. Multifunctional support according to claim 14 and 15, **characterised in that** the two fastening points (13, 13a; 23, 23a) are arranged on regions of the multifunctional support which deform differently.

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17. Multifunctional support according to claim 3 and one of claims 14 to 16, **characterised in that** the one fastening point (13, 13a) projects over the recess (A) of the multifunctional support.

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18. Multifunctional support according to one of the preceding claims, **characterised in that** the window guide (2) has two fastening points (21, 22) spaced out from each other along their extension direction (z) for fastening on a door body whereby the fastening points (21, 22) preferably lie in the region of the two ends of the longitudinally extended window guide (2).

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19. Multifunctional support according to claim 18, **characterised in that** a fastening point (23, 23a) for fastening a door lock on the multifunctional support is mounted between the two fastening points (21, 22) for fastening the window guide (2) on the door body.

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20. Multifunctional support according to claim 19, **characterised in that** the fastening point (23, 23a) for the door lock placed between the two fastening points (21, 22) for the window guide (2) is designed for a flat surface contact against the door lock so that forces acting on the multifunctional support can be transferred to the door body through the combination of window guide (2) and door lock.

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21. Multifunctional support according to one of the preceding claims, **characterised in that** fastening points (31, 32) are provided on the multifunctional support for a security cover for covering regions of a door lock.

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22. Multifunctional support according to one of the preceding claims, **characterised in that** a bearing section (4) is formed on the multifunctional support for a door outside handle holder (GH).

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23. Multifunctional support according to claim 22, **characterised in that** fastening points (41) for the door outside handle holder (GH) are flexibly linked to the bearing section (4).

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24. Multifunctional support according to one of the preceding claims, **characterised in that** at least one holder (27) for an electric cable is formed on the multifunctional support.

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25. Multifunctional support according to one of the preceding claims, **characterised in that** guide means (26) for introducing a window pane into a guide channel (20) of the window guide (2) are provided on the multifunctional support.

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26. Multifunctional support according to claim 25, **characterised in that** the guide channel (20) has a sliding guide whose one free end is held widened out by the guide means (26).

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